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Total Number of Pages in This Submission

Application Number	10/659,451
Filing Date	09/09/2003
First Named Inventor	Maria Villani
Art Unit	1615
Examiner Name	David L. Vanik
Attorney Docket Number	51331-00004 US

9

ENCLOSURES (Check all that apply)		
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Preston Gates & Ellis LLP		
Signature			
Printed name	Michelle S. Glasky, Ph.D.		
Date	9/27/05	Reg. No.	54,124

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Signature	Maria Nadal		
Typed or printed name		Date	9/27/05

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Maria Nadal

Maria Nadal

**PATENT**

Inventor: Maria Villani  
Serial No.: 10/659,451  
Filing Date: 09/09/2003  
Title: Porifera-Based Therapeutic Compositions for Treating and Preventing Skin Diseases  
Examiner: David L. Vanik  
Group Art Unit: 1615  
Atty Docket No.: 51331-00004 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§609 and 707.05(b), enclosed is a copy of the substitute for FORM PTO-1449 listing the references that are known to applicant. Applicants enclose copies of each of the listed references which are not U.S. patents.

This art is being filed for consideration in compliance with § 1.97(e):

37 C.F.R. § 1.97 (e)(1) That each item of information contained in the information disclosure statement was first cited in a communication from the International Search Report not more than three months prior to the filing of the information disclosure statement.

The submission of the above-described documents does not constitute an admission nor should it be construed as a representation that: a search has been made, or that it is material to patentability as defined in § 1.56(b).

Applicant reserves the right to antedate or otherwise remove the documents as references.

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of the substitute for FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

The Director is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 50-3207 associated with this response.

Respectfully submitted,

Dated: 9/21/05

Michelle S. Glasky

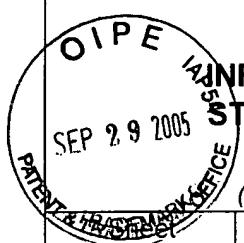
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**Substitute for form 1449A/PTO**

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1 of 2

Application Number	10/659,451
Filing Date	09/09/2003
First Named Inventor	Maria Villani
Group Art Unit	1651
Examiner Name	David L. Vanik
Attorney Docket Number	51331-00004 US

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2 Attorney Docket Number 51331-00004 US

Application Number	10/659,451
Filing Date	09/09/2003
First Named Inventor	Maria Villani
Group Art Unit	1651
Examiner Name	David L. Vanik

**NON PATENT LITERATURE DOCUMENTS**

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T<sup>2</sup>

SWATSCHEK, D. Marine sponge collagen: isolation, characterization, and effects on the skin parameters surface-pH, moisture and sebum. European J. Pharmaceutics and Biopharmaceutics. January 2002. Vol. 53 Issue 1, pp 107-113, abstract only

SWATSCHEK, D. Microparticles derived from marine sponge collage (SCMPs): preparation, characterization and suitability for dermal delivery of all-0trans retinol. European J. Pharmaceutics and Biopharmaceutics. September 2002, Vol. 54. Issue 2, pp 125-133, abstract only.

Examiner Signature	Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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